

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082923\
 Data File : VN079099.D
 Acq On : 29 Aug 2023 17:18
 Operator : JC\MD
 Sample : PB155153ZHE#08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 29 23:31:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

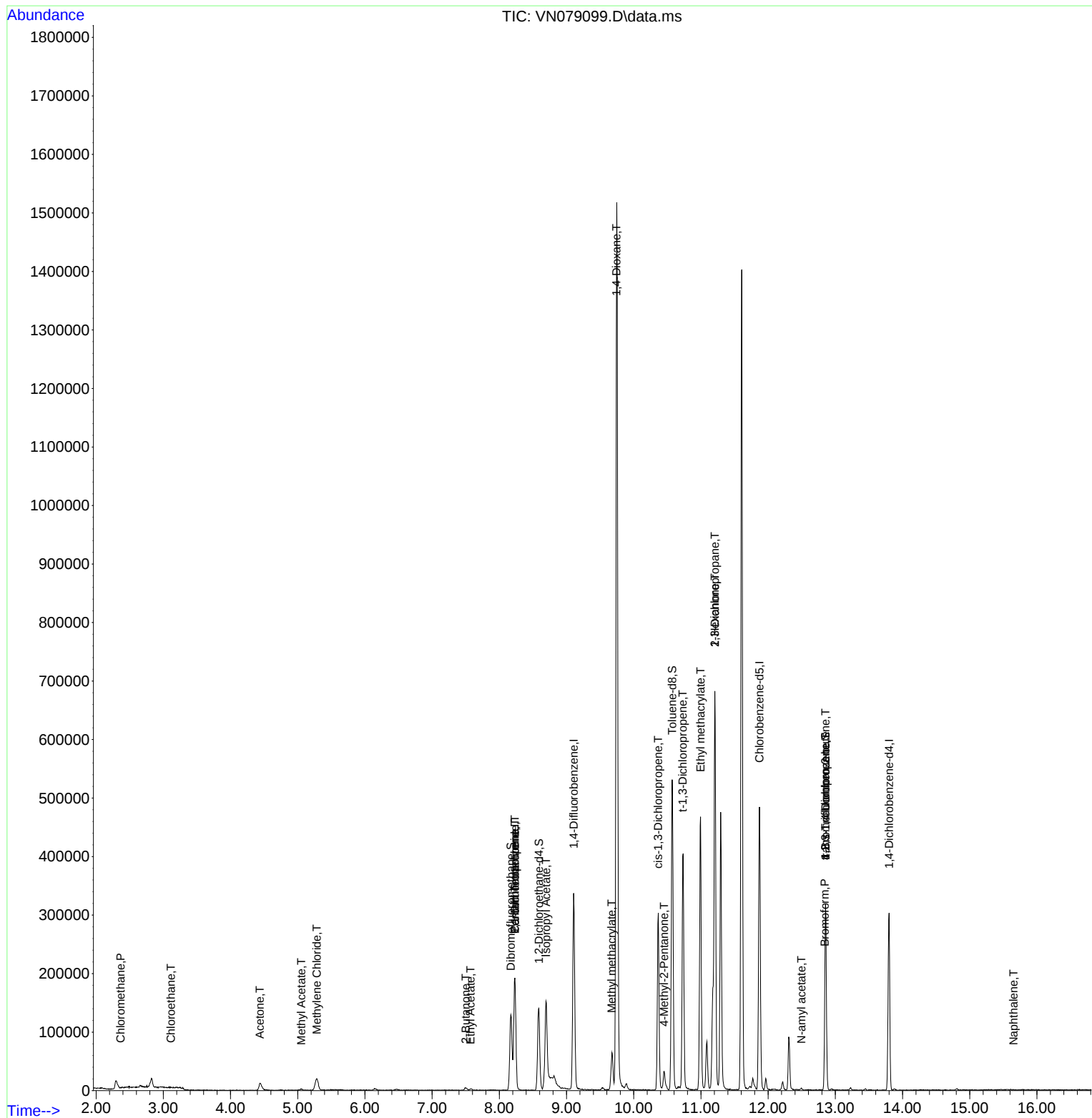
Internal Standards						
1) Pentafluorobenzene	8.230	168	137076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	273715	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	268628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	80075	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	112032	52.523	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.040%	
35) Dibromofluoromethane	8.171	113	93228	50.598	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.200%	
50) Toluene-d8	10.571	98	358761	52.440	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.880%	
62) 4-Bromofluorobenzene	12.853	95	102450	45.815	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.620%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	669	0.252	ug/l #	42
6) Chloroethane	3.112	64	336	0.206	ug/l #	43
16) Acetone	4.436	43	23948	27.210	ug/l #	86
18) Methyl Acetate	5.053	43	3878	1.043	ug/l #	54
20) Methylene Chloride	5.283	84	14978	7.986	ug/l #	80
25) 2-Butanone	7.500	43	7237	5.129	ug/l #	80
31) Cyclohexane	8.224	56	3815	Below Cal	#	49
36) 1,1-Dichloropropene	8.230	75	12370	4.463	ug/l #	47
37) Ethyl Acetate	7.571	43	4799	1.548	ug/l #	75
38) Carbon Tetrachloride	8.230	117	14690	5.290	ug/l #	16
43) Isopropyl Acetate	8.694	43	196628	35.874	ug/l #	73
48) Methyl methacrylate	9.671	41	4797	1.931	ug/l #	31
49) 1,4-Dioxane	9.741	88	160	3.782	ug/l #	1
51) 4-Methyl-2-Pentanone	10.453	43	25767	7.926	ug/l #	82
53) t-1,3-Dichloropropene	10.730	75	1033	0.326	ug/l #	61
54) cis-1,3-Dichloropropene	10.365	75	49112	14.234	ug/l #	73
56) Ethyl methacrylate	10.994	69	2150	0.688	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	6765	1.875	ug/l #	42
59) 2-Hexanone	11.206	43	95964	40.757	ug/l #	45
71) Bromoform	12.841	173	546	0.348	ug/l #	28
74) N-amyl acetate	12.494	43	1773	0.526	ug/l #	39
76) 1,2,3-Trichloropropane	12.853	75	58040	30.082	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	58040	76.845	ug/l #	15
95) Naphthalene	15.653	128	412	2.680	ug/l #	70

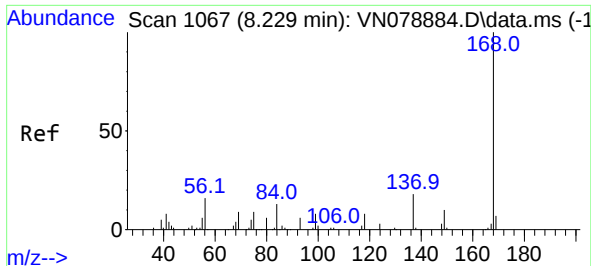
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082923\
Data File : VN079099.D
Acq On : 29 Aug 2023 17:18
Operator : JC\MD
Sample : PB155153ZHE#08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

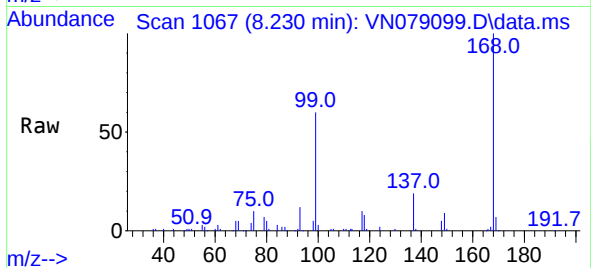
Quant Time: Aug 29 23:31:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 16 02:42:02 2023
Response via : Initial Calibration



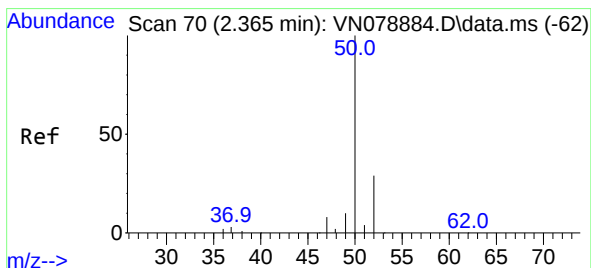
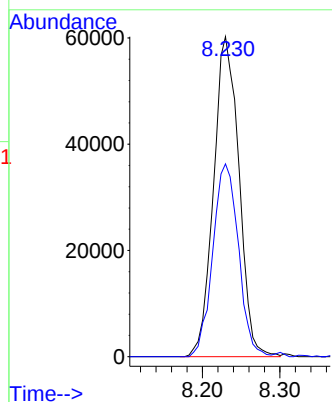
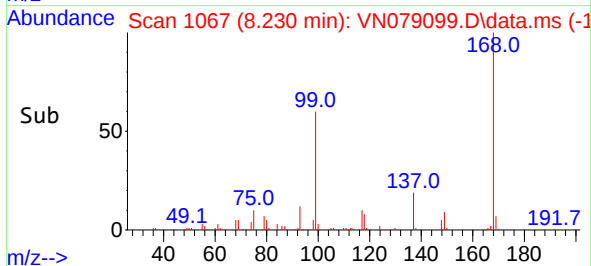


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN079099.D
Acq: 29 Aug 2023 17:18

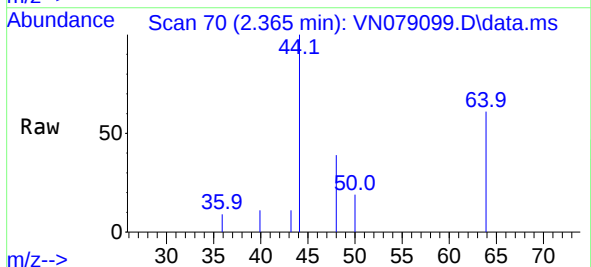
Instrument :
MSVOA_N
ClientSampleId :



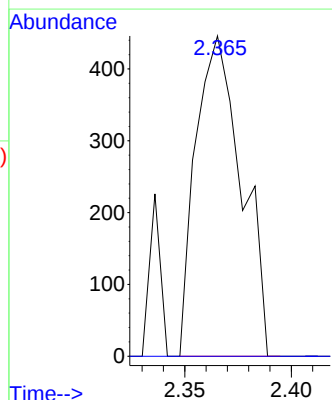
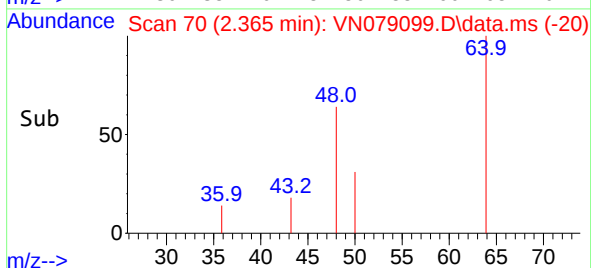
Tgt Ion:168 Resp: 137076
Ion Ratio Lower Upper
168 100
99 60.3 53.0 79.6

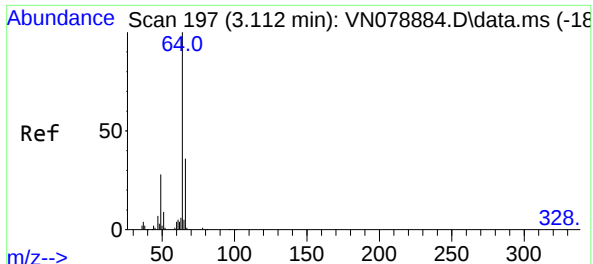


#3
Chloromethane
Concen: 0.252 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN079099.D
Acq: 29 Aug 2023 17:18



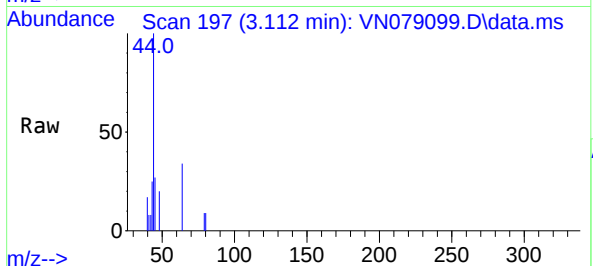
Tgt Ion: 50 Resp: 669
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#



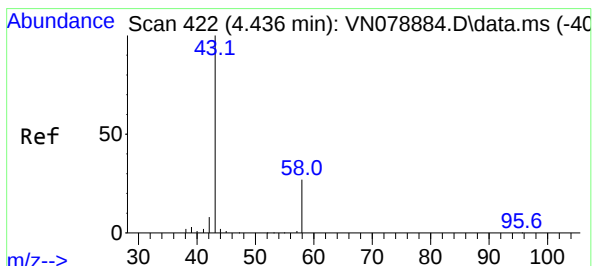
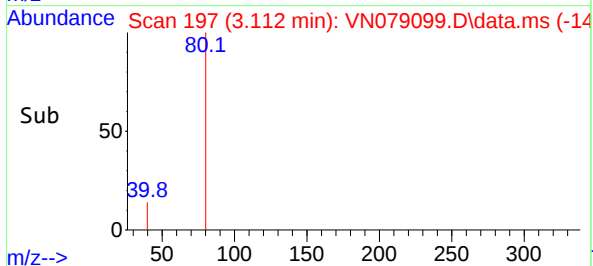
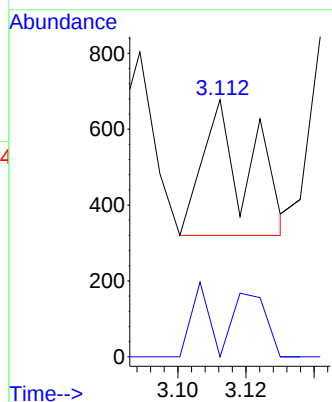


#6
Chloroethane
Concen: 0.206 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN079099.D
Acq: 29 Aug 2023 17:18

Instrument :
MSVOA_N
ClientSampleId :

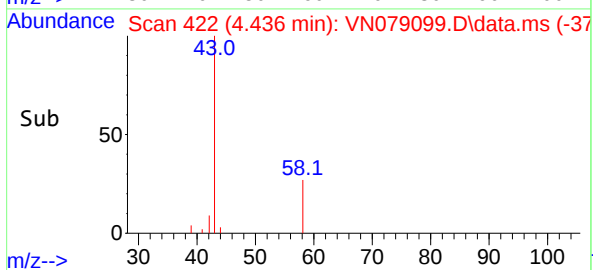
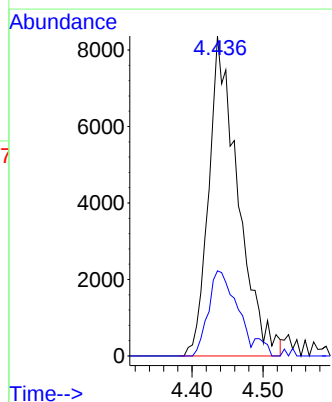
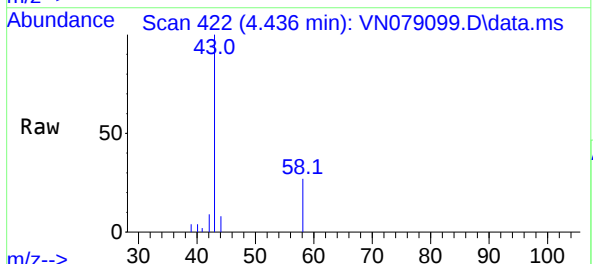


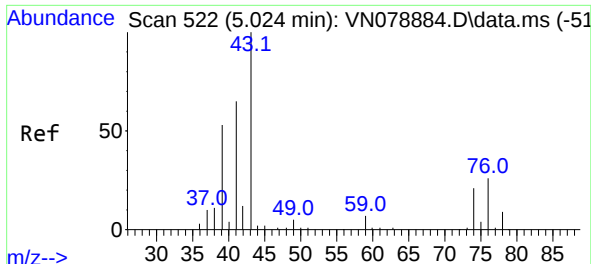
Tgt Ion: 64 Resp: 336
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#16
Acetone
Concen: 27.210 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079099.D
Acq: 29 Aug 2023 17:18

Tgt Ion: 43 Resp: 23948
Ion Ratio Lower Upper
43 100
58 26.6 28.0 42.0#

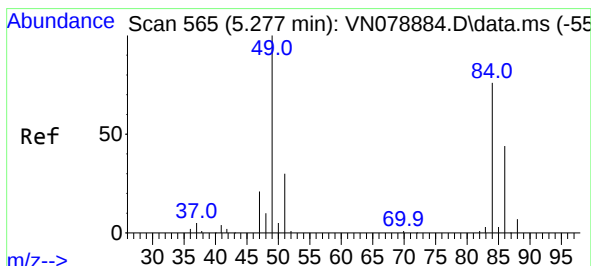
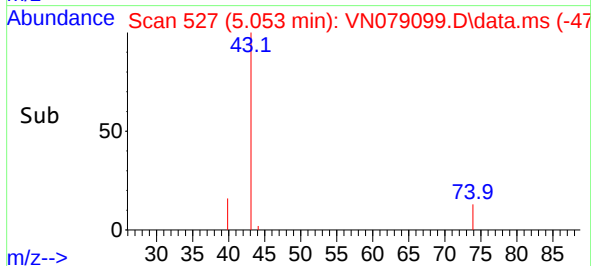
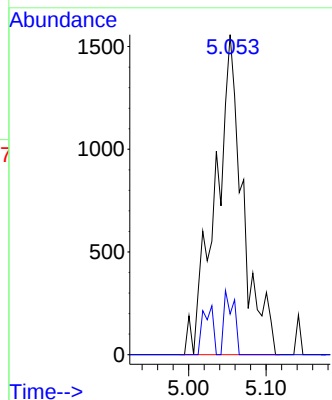
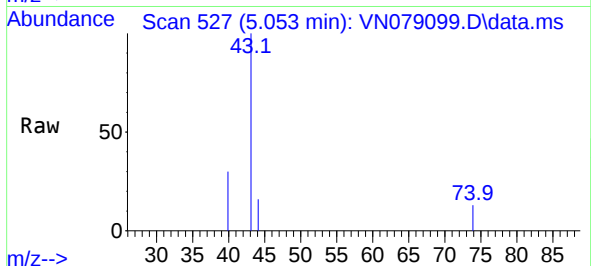




#18
Methyl Acetate
Concen: 1.043 ug/l
RT: 5.053 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN079099.D
Acq: 29 Aug 2023 17:18

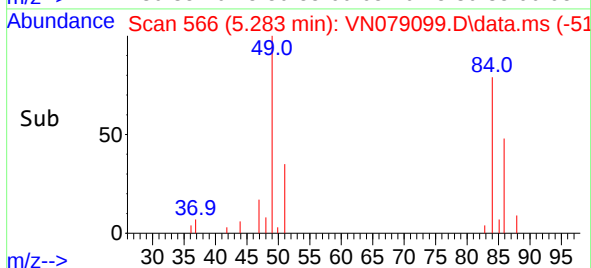
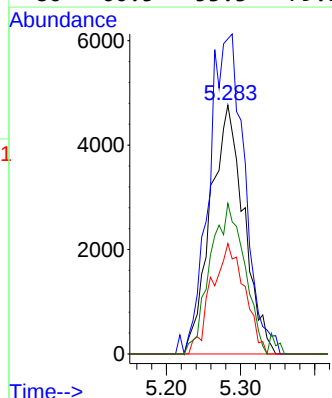
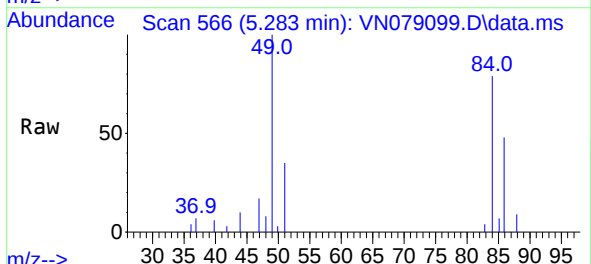
Instrument :
MSVOA_N
ClientSampleId :

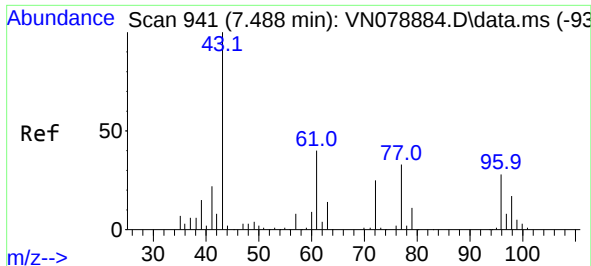
Tgt Ion: 43 Resp: 3878
Ion Ratio Lower Upper
43 100
74 7.1 26.2 39.4#



#20
Methylene Chloride
Concen: 7.986 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079099.D
Acq: 29 Aug 2023 17:18

Tgt Ion: 84 Resp: 14978
Ion Ratio Lower Upper
84 100
49 126.7 79.7 119.5#
51 44.4 25.2 37.8#
86 60.5 53.3 79.9

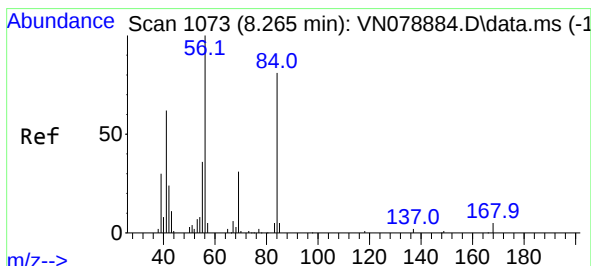
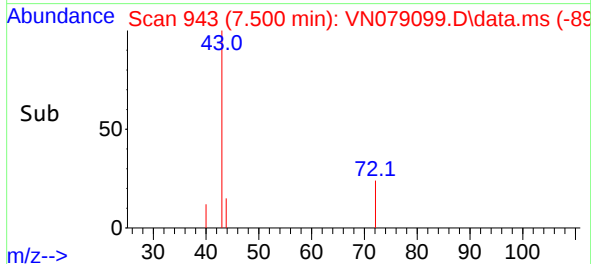
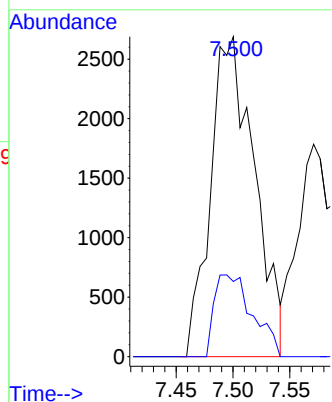
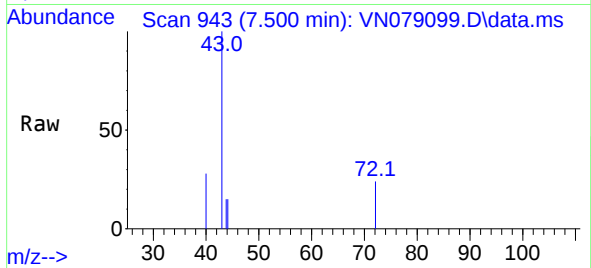




#25
2-Butanone
Concen: 5.129 ug/l
RT: 7.500 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN079099.D
Acq: 29 Aug 2023 17:18

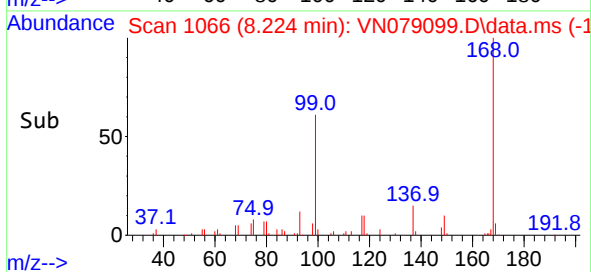
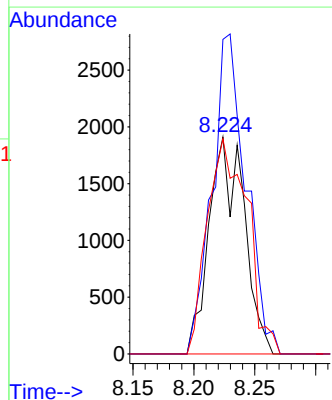
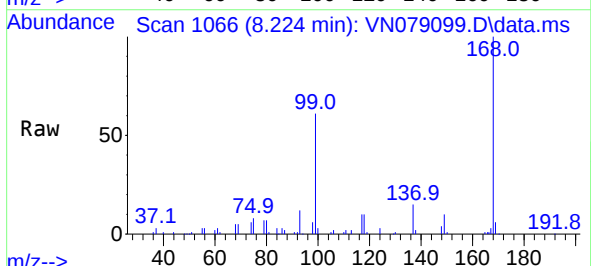
Instrument :
MSVOA_N
ClientSampleId :

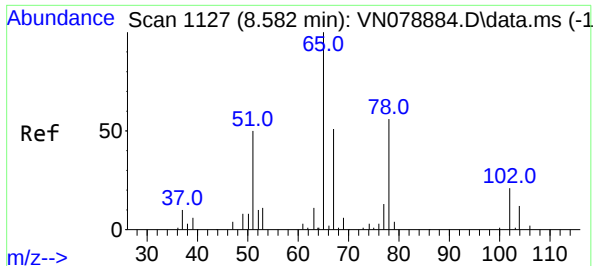
Tgt Ion: 43 Resp: 7237
Ion Ratio Lower Upper
43 100
72 25.8 30.2 45.2#



#31
Cyclohexane
Concen: Below Cal
RT: 8.224 min Scan# 1066
Delta R.T. -0.041 min
Lab File: VN079099.D
Acq: 29 Aug 2023 17:18

Tgt Ion: 56 Resp: 3815
Ion Ratio Lower Upper
56 100
69 145.1 26.8 40.2#
84 99.3 81.8 122.6

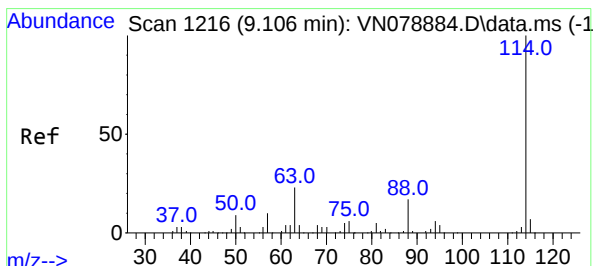
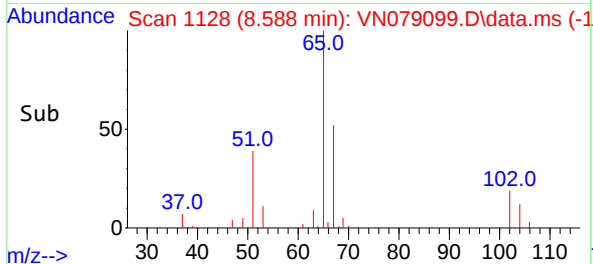
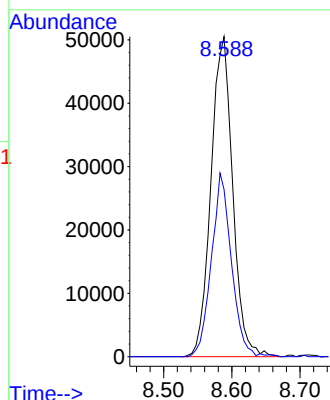
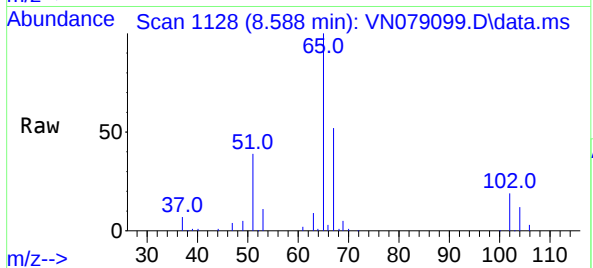




#33
1,2-Dichloroethane-d4
Concen: 52.523 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.005 min
Lab File: VN079099.D
Acq: 29 Aug 2023 17:18

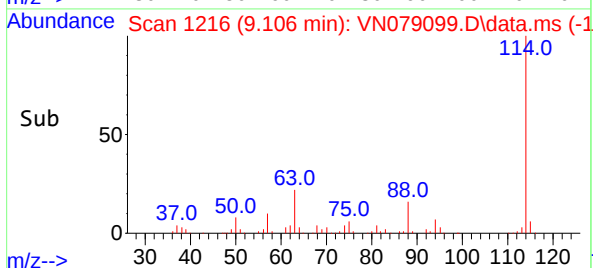
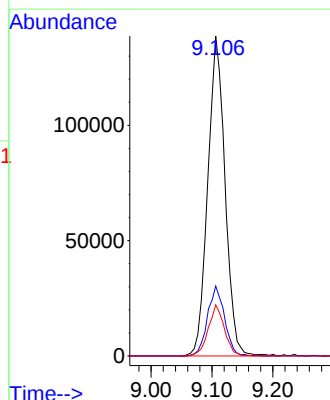
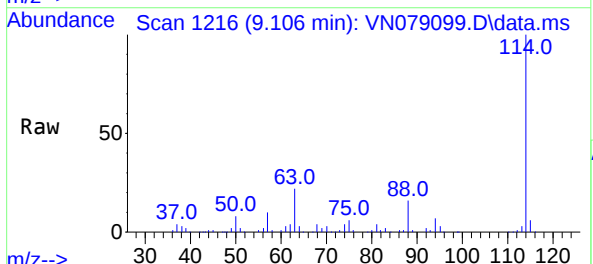
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MSVOA_N
ClientSampleId :

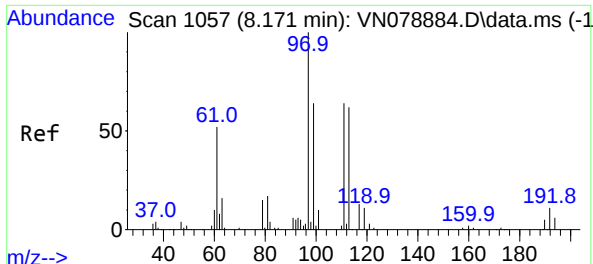
Tgt Ion: 65 Resp: 112032
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN079099.D
Acq: 29 Aug 2023 17:18

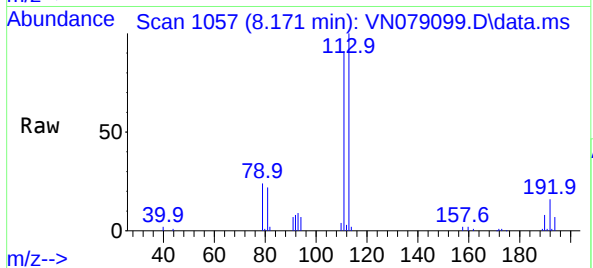
Tgt Ion: 114 Resp: 273715
Ion Ratio Lower Upper
114 100
63 21.8 0.0 36.4
88 16.0 0.0 30.6



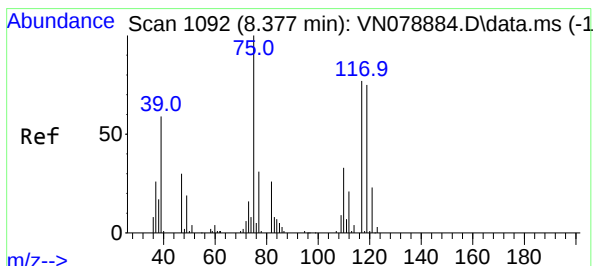
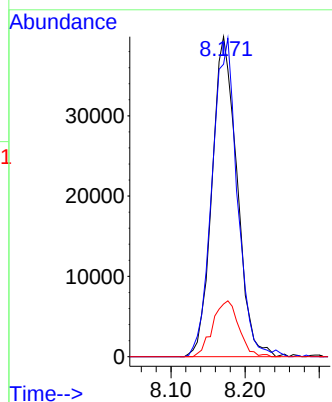
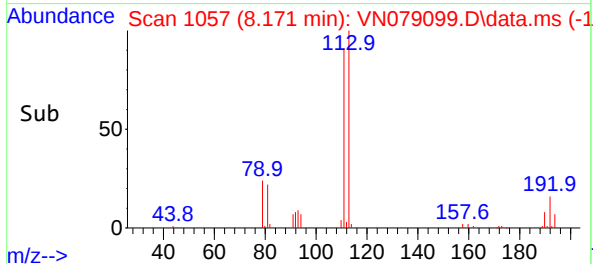


#35
Dibromofluoromethane
Concen: 50.598 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079099.D
Acq: 29 Aug 2023 17:18

Instrument :
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ClientSampleId :

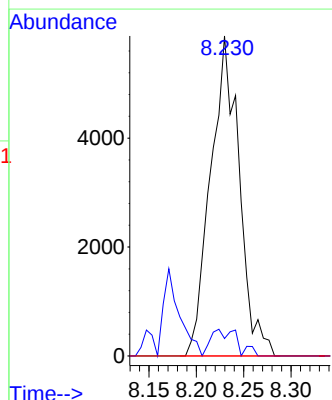
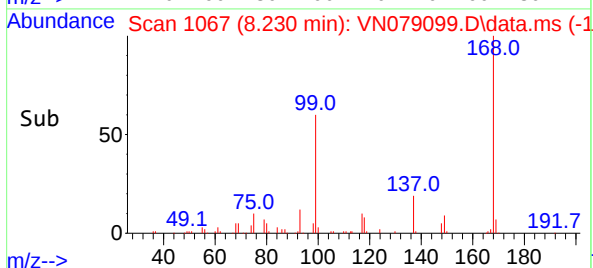
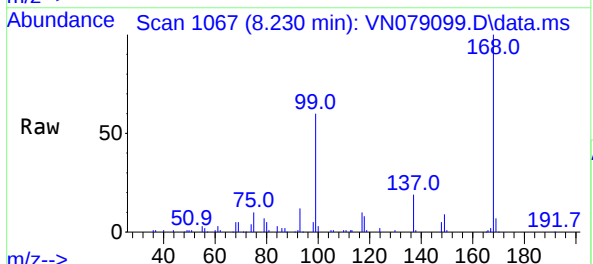


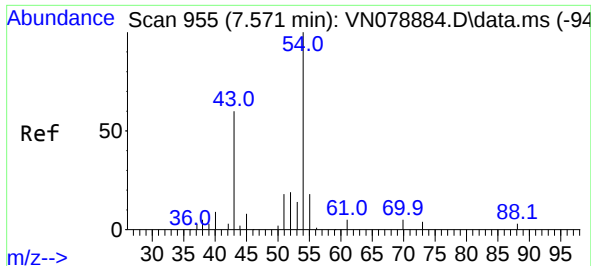
Tgt Ion:113 Resp: 93228
Ion Ratio Lower Upper
113 100
111 100.3 82.6 123.8
192 18.2 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.463 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN079099.D
Acq: 29 Aug 2023 17:18

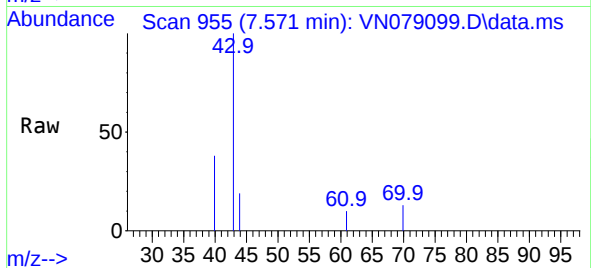
Tgt Ion: 75 Resp: 12370
Ion Ratio Lower Upper
75 100
110 7.8 19.1 57.3#
77 0.0 25.0 37.4#



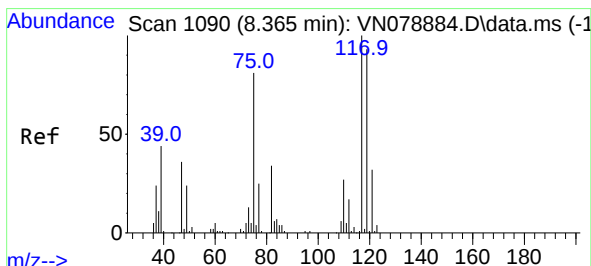
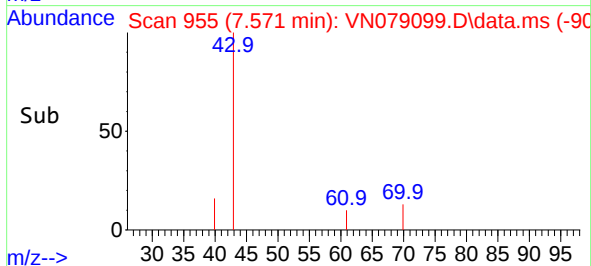
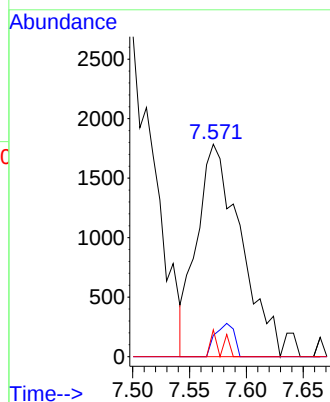


#37
Ethyl Acetate
Concen: 1.548 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN079099.D
Acq: 29 Aug 2023 17:18

Instrument :
MSVOA_N
ClientSampleId :

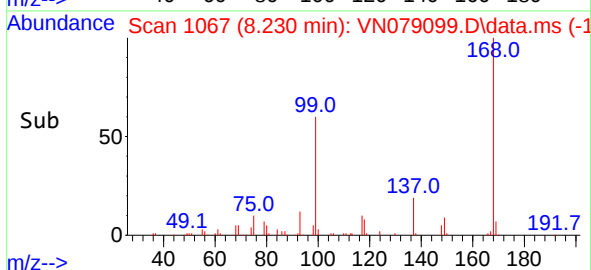
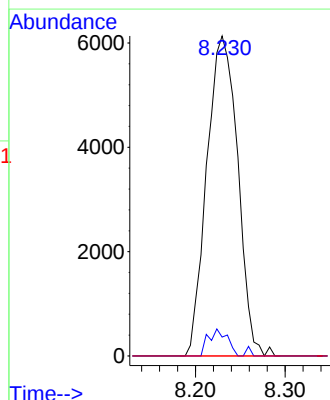
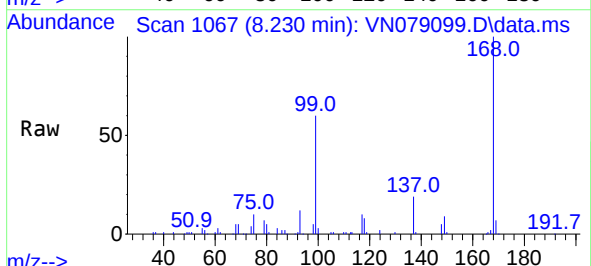


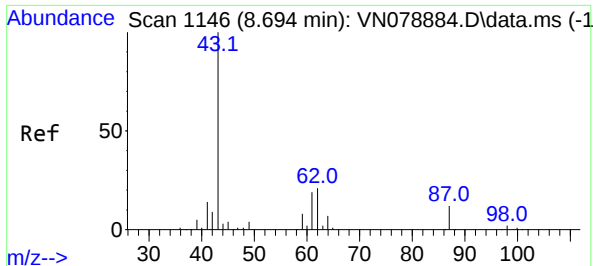
Tgt Ion: 43 Resp: 4799
Ion Ratio Lower Upper
43 100
61 6.8 13.2 19.8#
70 3.0 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 5.290 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN079099.D
Acq: 29 Aug 2023 17:18

Tgt Ion: 117 Resp: 14690
Ion Ratio Lower Upper
117 100
119 5.9 77.3 115.9#
121 0.0 23.3 34.9#

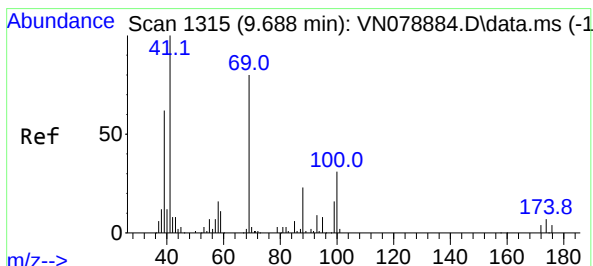
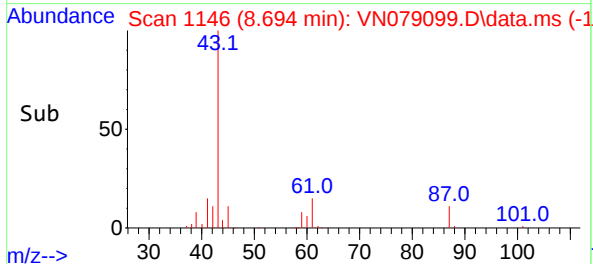
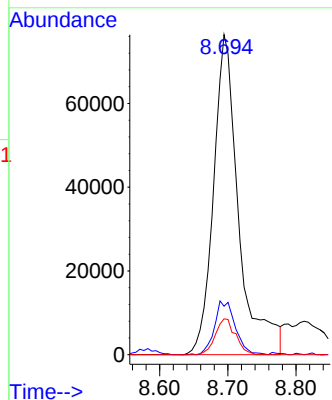
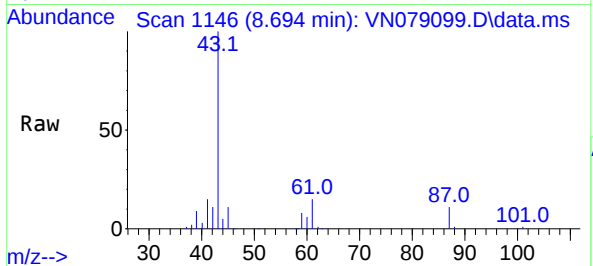




#43
Isopropyl Acetate
Concen: 35.874 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079099.D
Acq: 29 Aug 2023 17:18

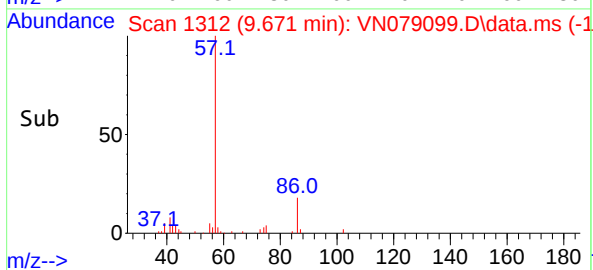
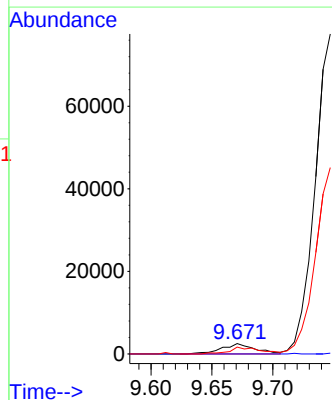
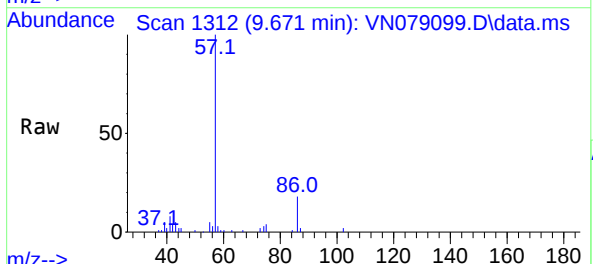
Instrument :
MSVOA_N
ClientSampleId :

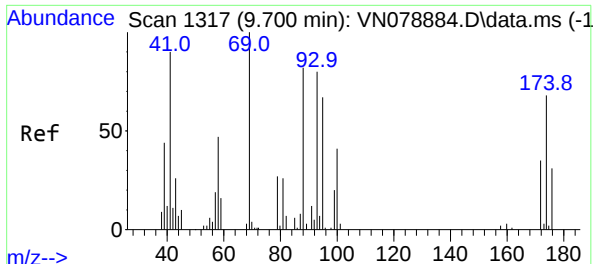
Tgt Ion: 43 Resp: 196628
Ion Ratio Lower Upper
43 100
61 13.8 24.7 37.1#
87 9.0 14.6 21.8#



#48
Methyl methacrylate
Concen: 1.931 ug/l
RT: 9.671 min Scan# 1312
Delta R.T. -0.017 min
Lab File: VN079099.D
Acq: 29 Aug 2023 17:18

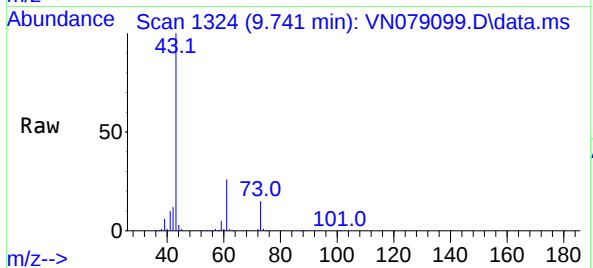
Tgt Ion: 41 Resp: 4797
Ion Ratio Lower Upper
41 100
69 0.0 90.4 135.6#
39 60.6 54.6 81.8



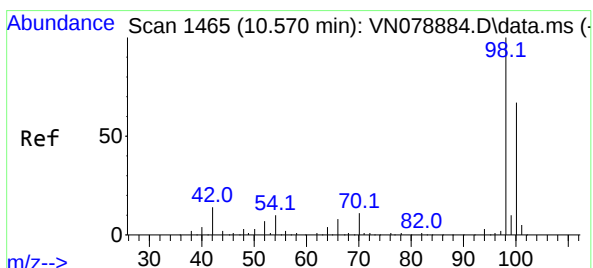
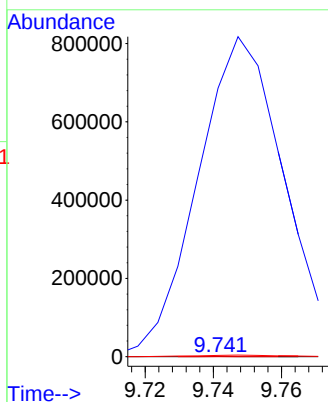
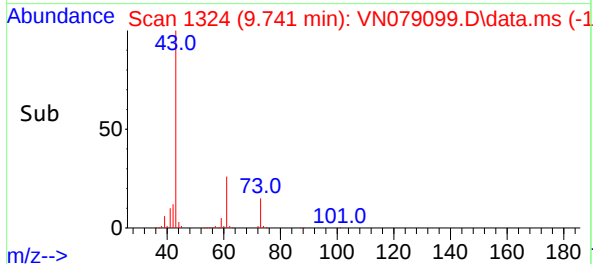


#49
1,4-Dioxane
Concen: 3.782 ug/l
RT: 9.741 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN079099.D
Acq: 29 Aug 2023 17:18

Instrument :
MSVOA_N
ClientSampleId :

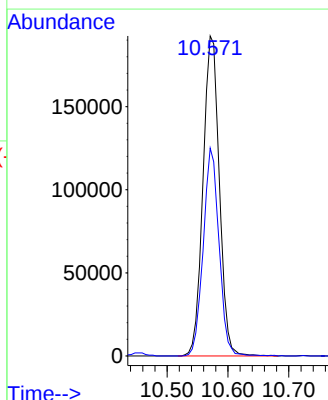
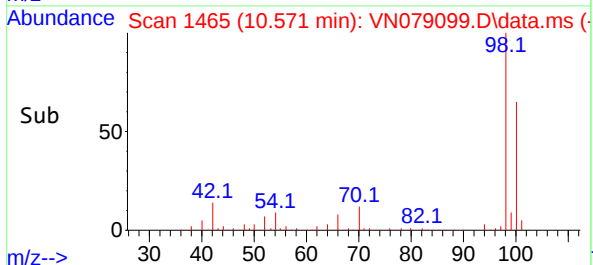
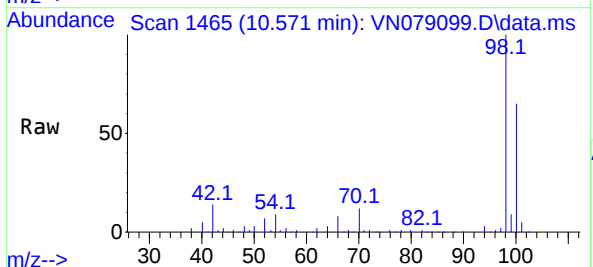


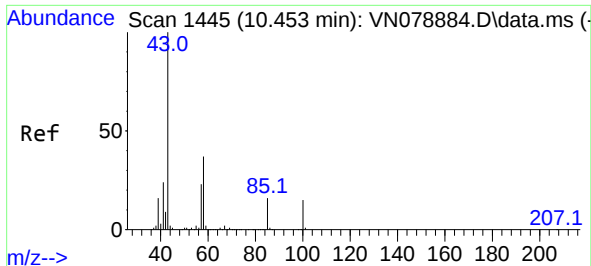
Tgt Ion: 88 Resp: 160
Ion Ratio Lower Upper
88 100
43 922430.0 17.0 25.6#
58 4350.0 47.0 70.4#



#50
Toluene-d8
Concen: 52.440 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079099.D
Acq: 29 Aug 2023 17:18

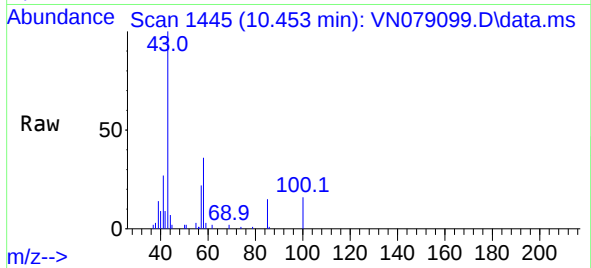
Tgt Ion: 98 Resp: 358761
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0



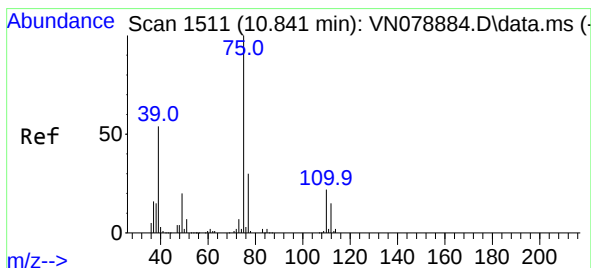
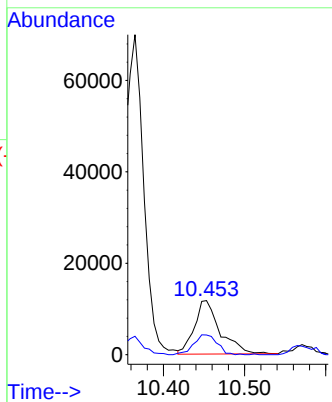
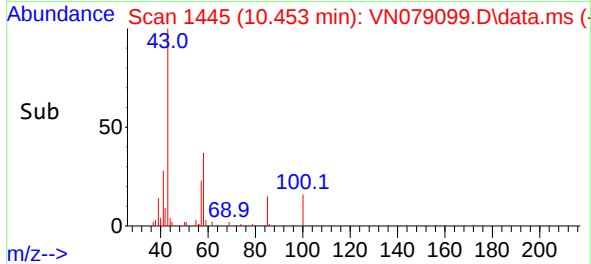


#51
4-Methyl-2-Pentanone
Concen: 7.926 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN079099.D
Acq: 29 Aug 2023 17:18

Instrument :
MSVOA_N
ClientSampleId :

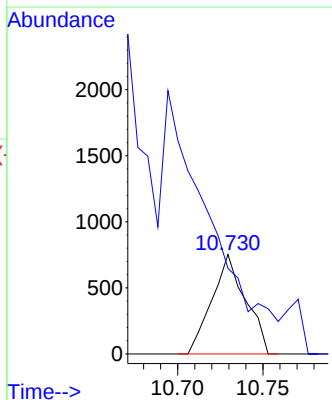
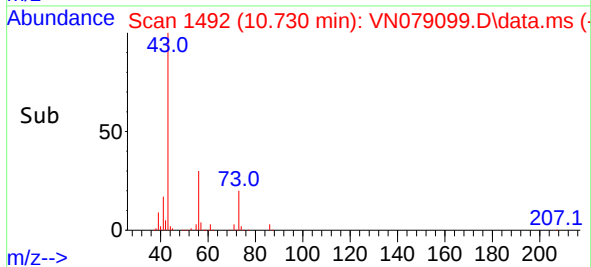
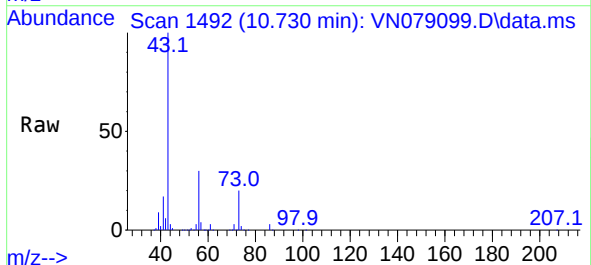


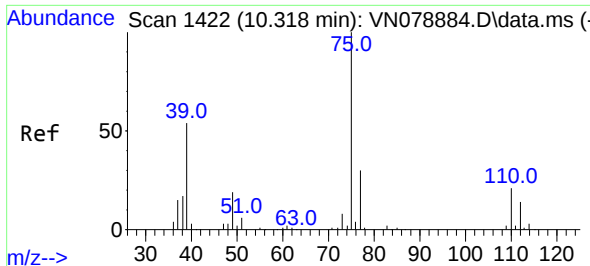
Tgt Ion: 43 Resp: 25767
Ion Ratio Lower Upper
43 100
58 33.7 36.6 54.8#



#53
t-1,3-Dichloropropene
Concen: 0.326 ug/l
RT: 10.730 min Scan# 1492
Delta R.T. -0.111 min
Lab File: VN079099.D
Acq: 29 Aug 2023 17:18

Tgt Ion: 75 Resp: 1033
Ion Ratio Lower Upper
75 100
77 53.4 25.4 38.0#

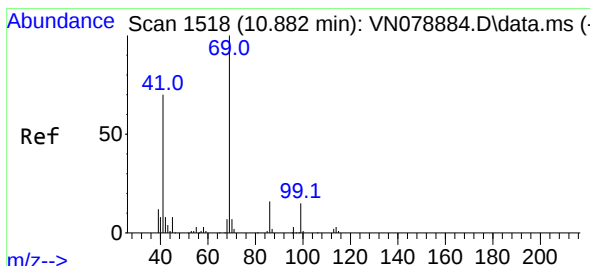
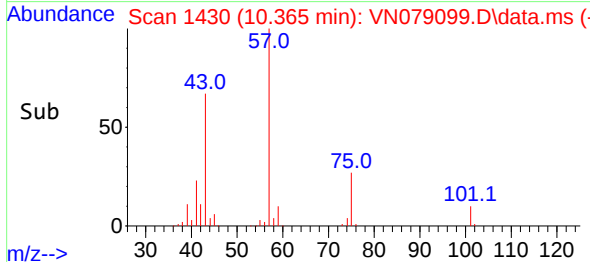
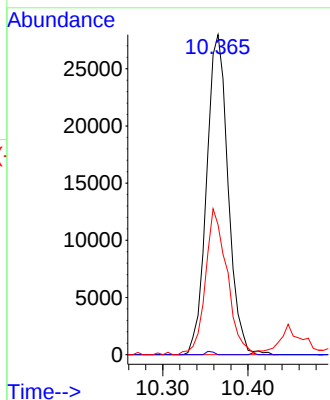
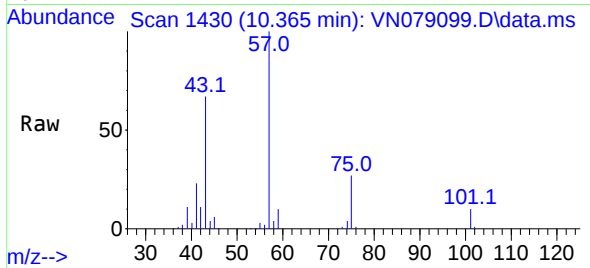




#54
 cis-1,3-Dichloropropene
 Concen: 14.234 ug/l
 RT: 10.365 min Scan# 14
 Delta R.T. 0.047 min
 Lab File: VN079099.D
 Acq: 29 Aug 2023 17:18

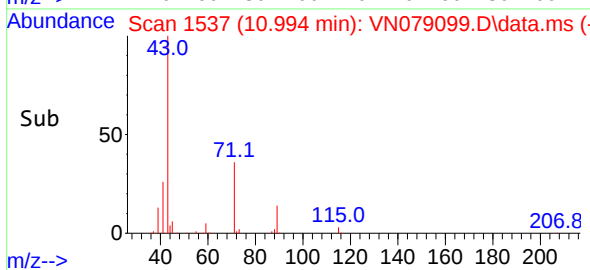
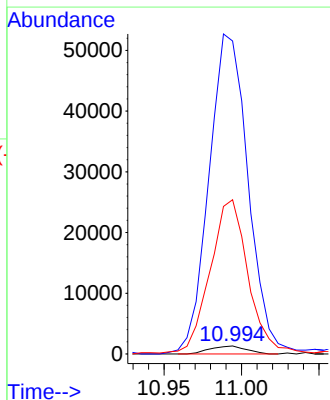
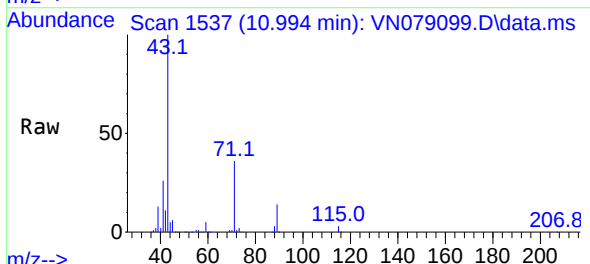
Instrument :
 MSVOA_N
 ClientSampleId :

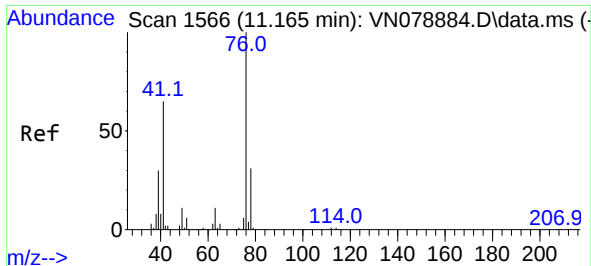
Tgt Ion: 75 Resp: 49112
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.1 39.1#
 39 40.6 31.6 47.4



#56
 Ethyl methacrylate
 Concen: 0.688 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. 0.117 min
 Lab File: VN079099.D
 Acq: 29 Aug 2023 17:18

Tgt Ion: 69 Resp: 2150
 Ion Ratio Lower Upper
 69 100
 41 4321.1 39.6 59.4#
 39 2042.2 28.6 43.0#





#57

1,3-Dichloropropane

Concen: 1.875 ug/l

RT: 11.206 min Scan# 1573

Delta R.T. 0.041 min

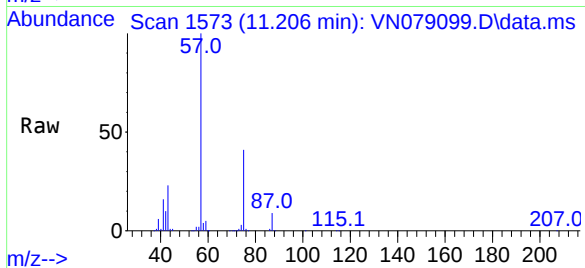
Lab File: VN079099.D

Acq: 29 Aug 2023 17:18

Instrument :

MSVOA_N

ClientSampleId :

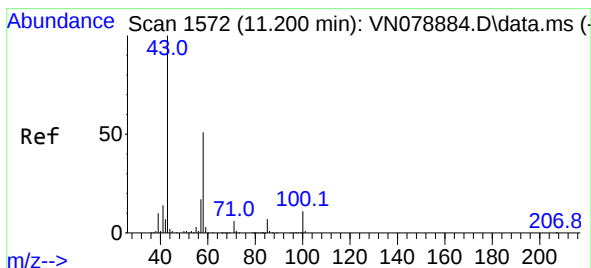
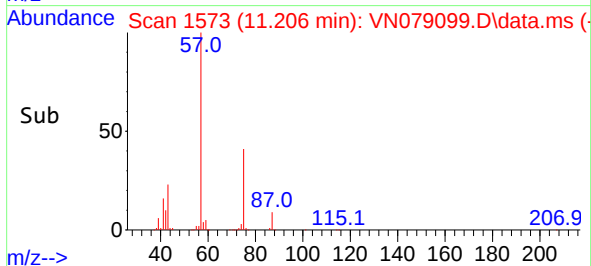
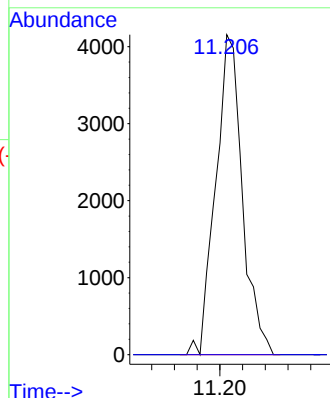


Tgt Ion: 76 Resp: 6765

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 40.757 ug/l

RT: 11.206 min Scan# 1573

Delta R.T. 0.006 min

Lab File: VN079099.D

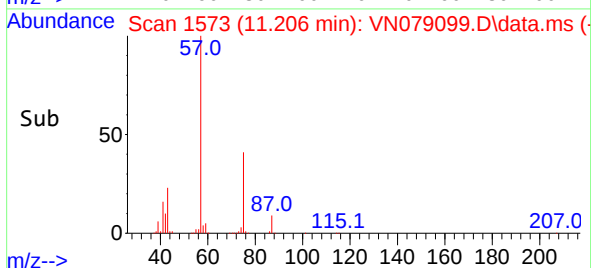
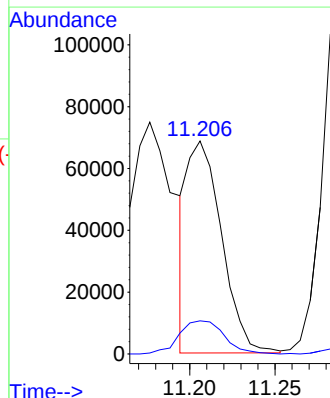
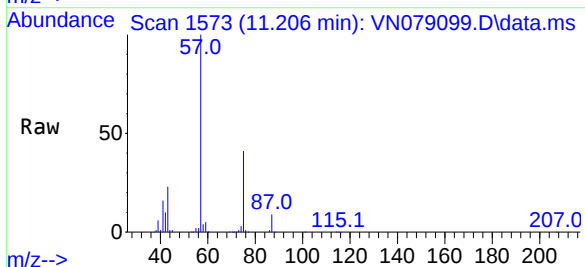
Acq: 29 Aug 2023 17:18

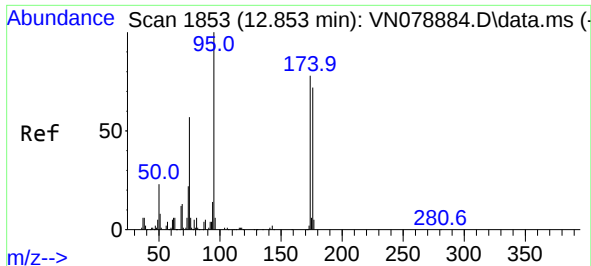
Tgt Ion: 43 Resp: 95964

Ion Ratio Lower Upper

43 100

58 20.6 31.7 95.1#

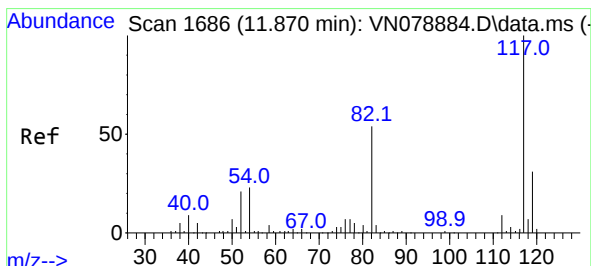
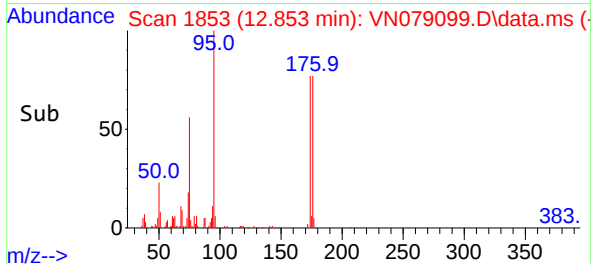
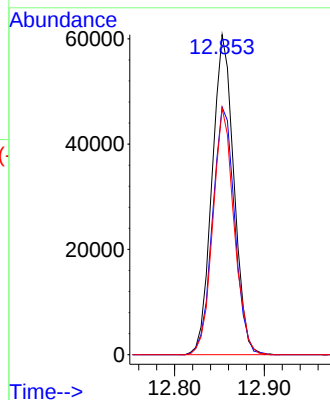
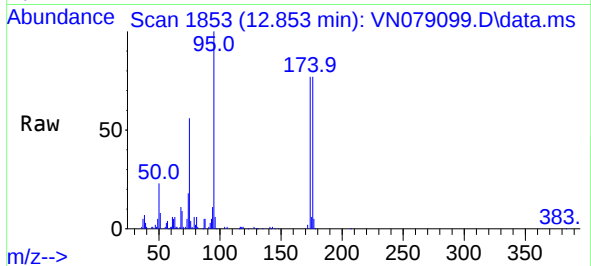




#62
4-Bromofluorobenzene
Concen: 45.815 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079099.D
Acq: 29 Aug 2023 17:18

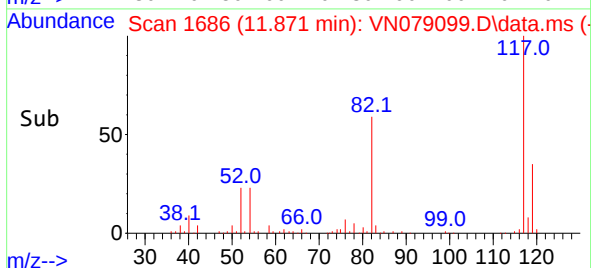
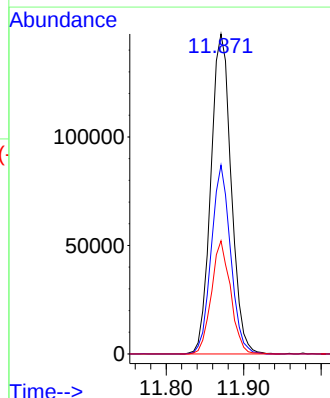
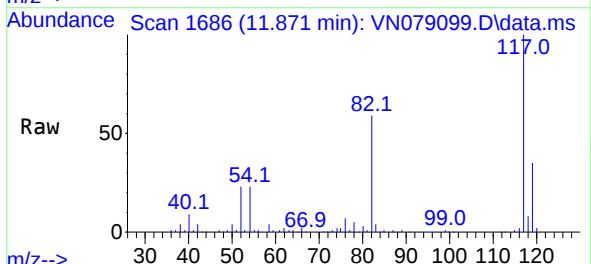
Instrument :
MSVOA_N
ClientSampleId :

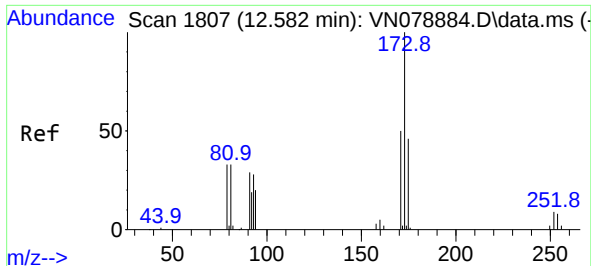
Tgt Ion: 95 Resp: 102450
Ion Ratio Lower Upper
95 100
174 78.5 0.0 143.8
176 75.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079099.D
Acq: 29 Aug 2023 17:18

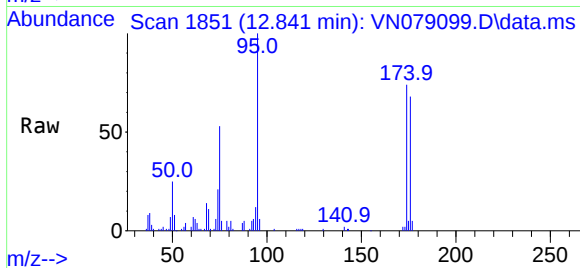
Tgt Ion: 117 Resp: 268628
Ion Ratio Lower Upper
117 100
82 59.0 44.0 66.0
119 35.3 25.6 38.4



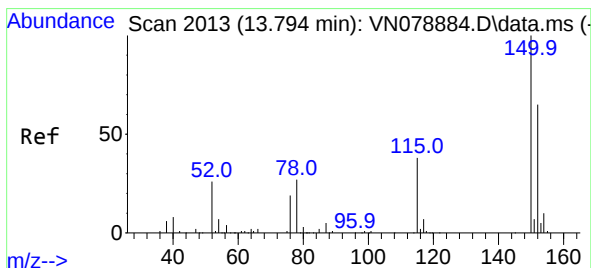
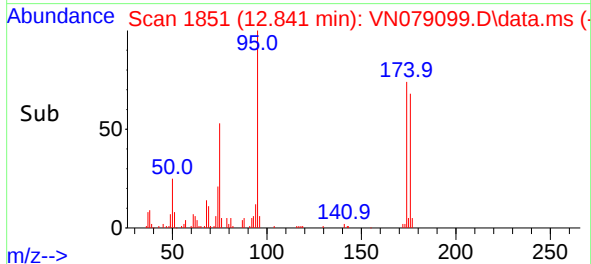
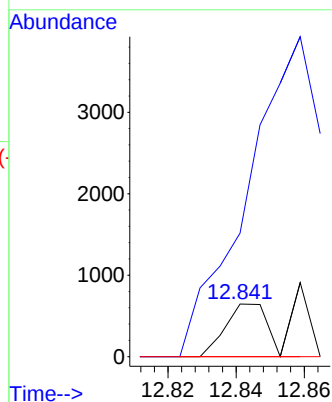


#71
Bromoform
Concen: 0.348 ug/l
RT: 12.841 min Scan# 11
Delta R.T. 0.259 min
Lab File: VN079099.D
Acq: 29 Aug 2023 17:18

Instrument :
MSVOA_N
ClientSampleId :

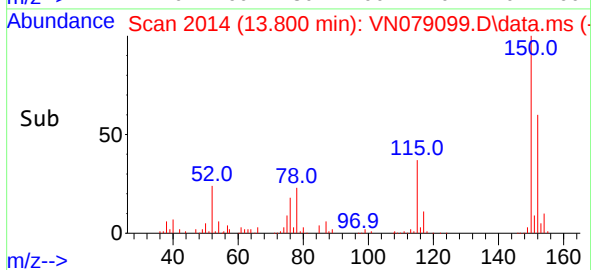
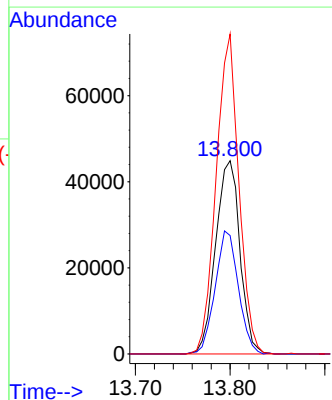
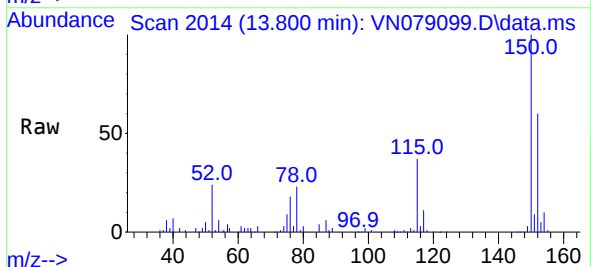


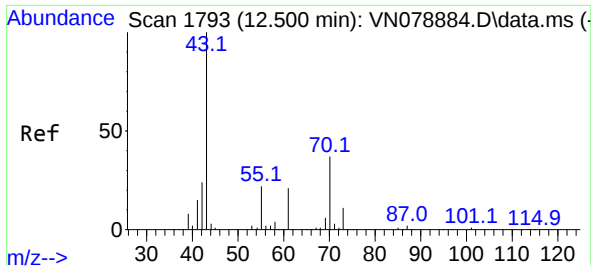
Tgt Ion:173 Resp: 546
Ion Ratio Lower Upper
173 100
175 0.0 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.006 min
Lab File: VN079099.D
Acq: 29 Aug 2023 17:18

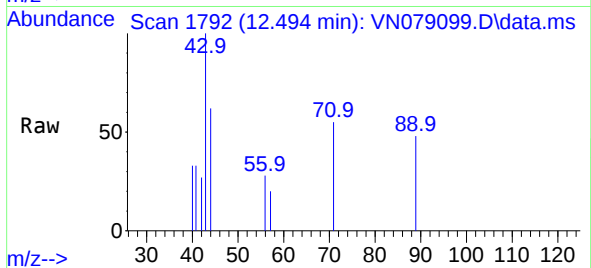
Tgt Ion:152 Resp: 80075
Ion Ratio Lower Upper
152 100
115 60.9 32.3 96.8
150 154.7 0.0 355.8



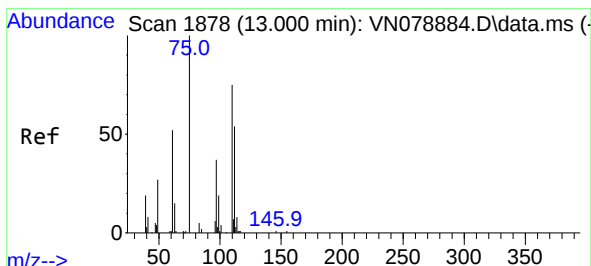
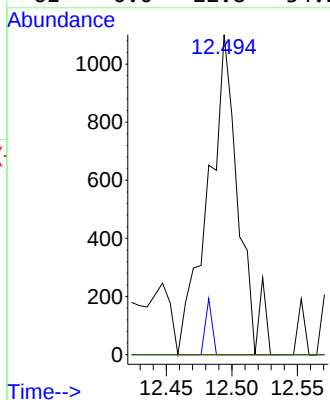
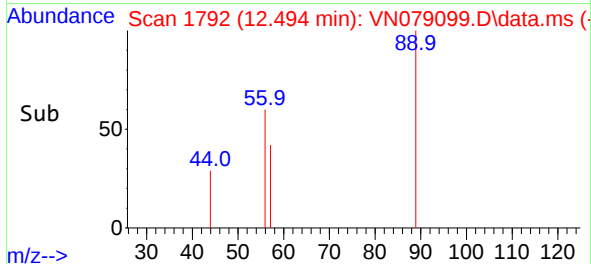


#74
N-amy1 acetate
Concen: 0.526 ug/l
RT: 12.494 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VN079099.D
Acq: 29 Aug 2023 17:18

Instrument :
MSVOA_N
ClientSampleId :

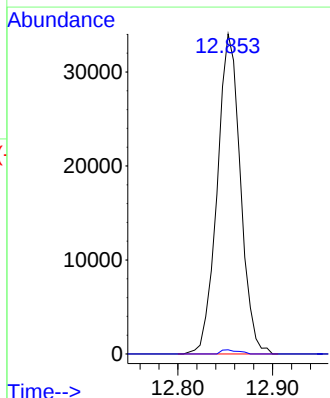
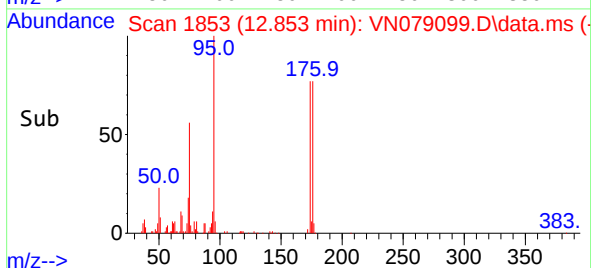
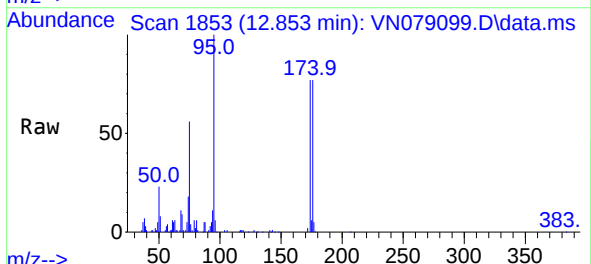


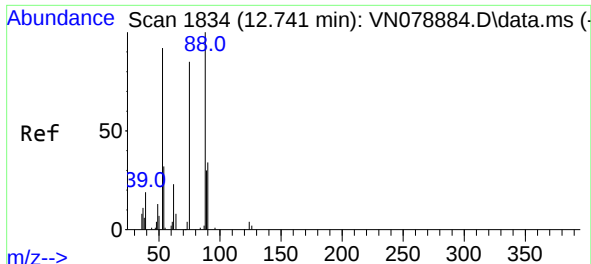
Tgt Ion: 43 Resp: 1773
Ion Ratio Lower Upper
43 100
70 3.8 43.4 65.2#
55 0.0 21.4 32.0#
61 0.0 22.8 34.2#



#76
1,2,3-Trichloropropane
Concen: 30.082 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN079099.D
Acq: 29 Aug 2023 17:18

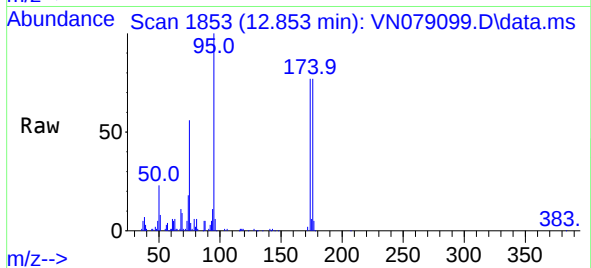
Tgt Ion: 75 Resp: 58040
Ion Ratio Lower Upper
75 100
77 1.0 84.5 253.5#



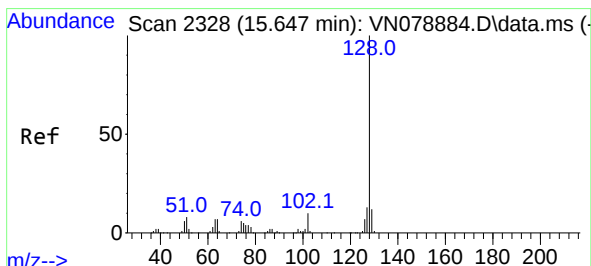
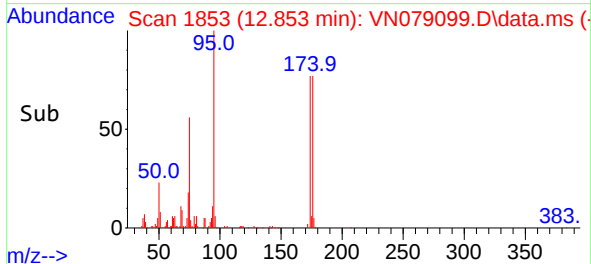
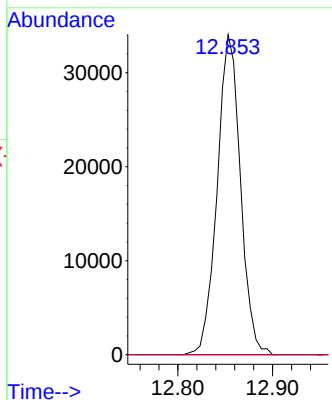


#81
trans-1,4-Dichloro-2-butene
Concen: 76.845 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN079099.D
Acq: 29 Aug 2023 17:18

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 58040
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#95
Naphthalene
Concen: 2.680 ug/l
RT: 15.653 min Scan# 2329
Delta R.T. 0.006 min
Lab File: VN079099.D
Acq: 29 Aug 2023 17:18

Tgt Ion:128 Resp: 412
Ion Ratio Lower Upper
128 100
127 0.0 10.0 15.0#
129 0.0 8.7 13.1#

